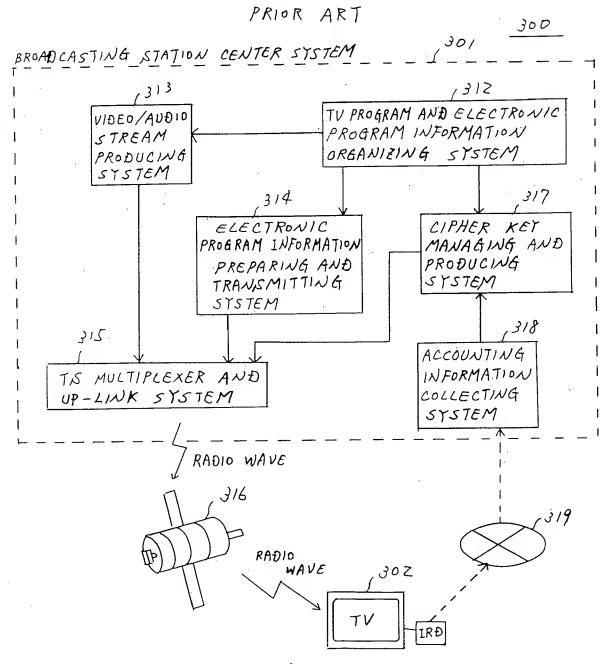
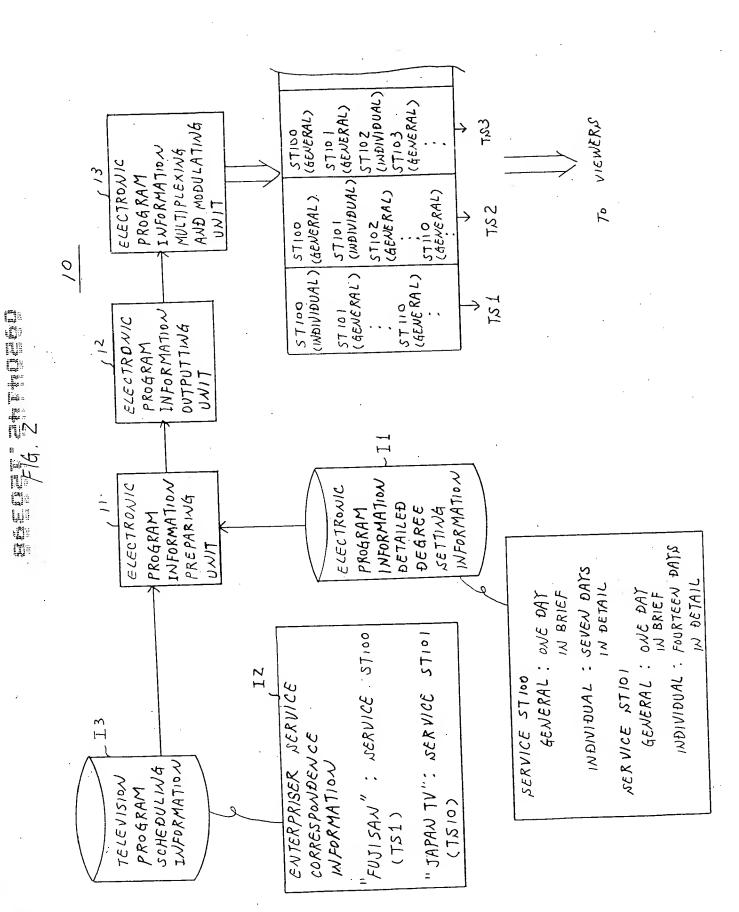
FIG. 1 RIOR ART





(,

.

F14. 3

SERVICE DESCRIPTION TABLE (SDT).

TS ID	TS 1
SERVICE ID	ST 100
NERVICE NAME	FUJISAN
NERVICE TYPE	SDTV
ENTERPRISER NAME	FUJISAN LTD.
LOCATION	PRE. SHIZUOKA.

EVENT INFORMATION TABLE (EIT) INDIVIDUAL LEVEL

SERVICE ID	T		کہ -	T100			·	
TS IÐ			TX			O:	TPII	TP12
EVENT ID	TP3	TP4	TP5		TP9	1710	1111	
EVENT NAME					1/7	1/7	1/7	1/1
BROADCASTING START DATE AND TIME	1/1	1/1	1/1 2:00		22:4	23:00	23:15	23:45
DURATION OF EVENT	60	60	30		60	15	30	15
cAST						_	-	-
DIRECTOR		-	-			-	1	
LOCATION		-	-	-	_	1		
GENRE			_			+	1	
:			·]					

"EVENT" DENOTES "TELEVISION PROGRAM"

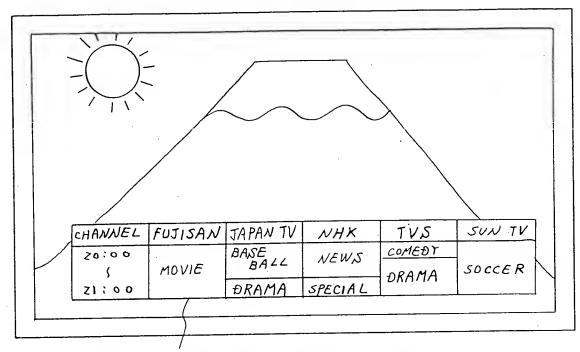
F16.4

SERVICE DESCRIPTION TABLE (SOT) GENERAL LEVEL

TNS ID	TS 1
SERVICE 10	57100
SERVICE NAME	FUJISAN
SERVICE TYPE	SDTV

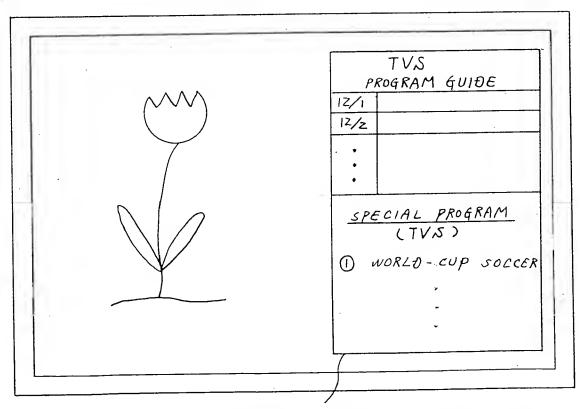
EVENT INFORMATION TABLE (EIT) GENERAL LEVEL

SERVICE ID		ST100				
TAS IÐ	TS /					
EVENT ID	TP3	TP4	TP5		TPIO	TPIIO
EVENT NAME						
BROADCASTING START DATE AND TIME	1/1	1/1	1/1 2:00		1/1 23:50	1/1 23:55
DURATION OF EVENT	60	60	30	• • •	5	5

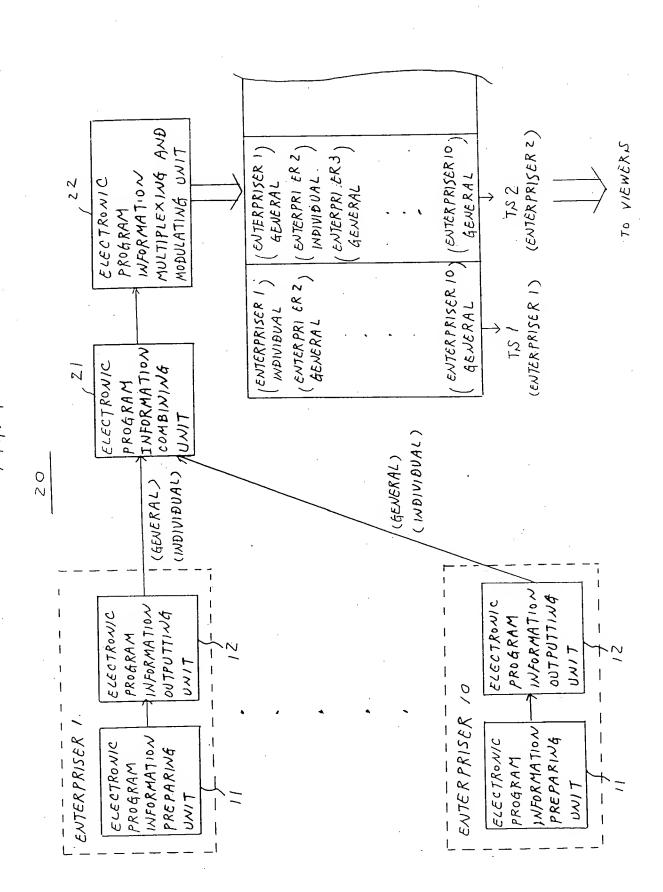


COMMON ELECTRONIC PROGRAM GUIDE

F19.6

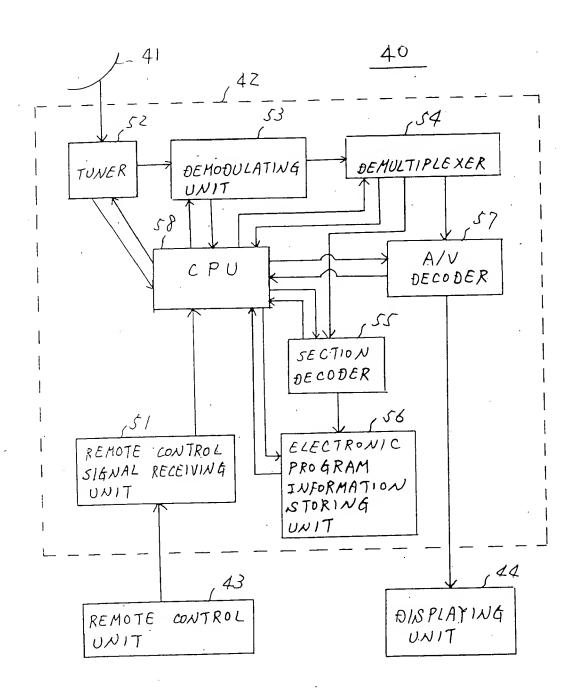


INDIVIDUAL ELECTRONIC PROGRAM GUIDE



The state of the s	3 4 10 ELECTRONIC PROGRAM 10 MULTIPLEXING AND MODULATING UNIT	ENTERPRISER!) (ENTERPRISER!) GENERAL ENTERPRISER?) GENERAL (ENTERPRISER3) (ENTERPRISER3) (GENERAL	(ENTERPRISERIO) (GENERAL (COMMON) (COMM
30	S ELECTRON M TION (GENERAL) INFORMA COMBINIO	(\$\frac{\psi}{\psi} \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$

F16. 9



F/G.10

BOUQUET ASSOCIATION TABLE (BAT)

BOUQUET ID	·	B5	
BOURUET NAME		Sb 1	
TS IÐ	TS 20		
SERVICE ID	ST1	ST2	ST3

BOUQUET ID		Ве	<u></u>		
BOUQUET NAME		5 t	2		
TNS ID	T1530			TN40	
SERVICE ID	574 575	576	577	578	579

NETWORK INFORMATION TABLE (NIT)

NETWORK ID	N5		
TS IÐ	TS20	0 E 2,T	TN40
TUNING INFORMATION	23.5	50,1	67.8

F14, 11

PROGRAM ASSOCIATION TABLE (PAT)

PR041	RAM No.	P1	PZ	РЗ
PACKE	T ID OF PMT	PK123	PKASB	PK 789

PROGRAM MAP TABLE (PMT)

PROGRAM No.	PZ		
ES TYPE	VIĐEO	AUDIO	AUĐIO
PACKET ID OF ES	PKIZZ	PK 455	PK 788

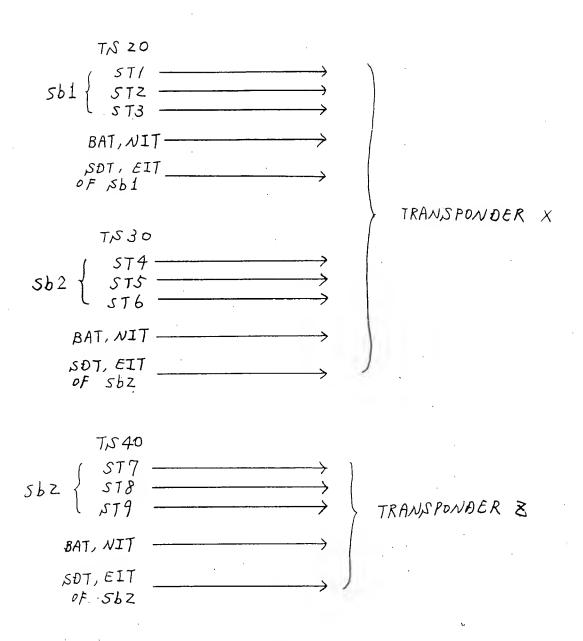
EVENT INFORMATION TABLE (EIT)

SERVICE ID			574		
TS IÐ			OERT		
EVENT ID	TP30	TP3S	TP40	TP42	TP89
TITLE	MORNING WEATHER	CYCLING	MORNING NEWS	MORNINA VEGETABLES	GET UP!
BROADCASTING START DATE AND TIME	197 11/14 4:00	197 11114 5:00	197 11/14 6:00	197 11/14 7:00	197 11/14 8:00
DURATION OF EVENT	60	60	60	60	60

SERVICE DESCRIPTION TABLE (SDT)

TS IÐ	TS30				
SERVICE ID	574	575	576		
SERVICE NAME	MOVIE CHANNEL	CHILDREN TV	NEWS!		
SERVICE TYPE	NVOÐ	DIGITAL TV	FM7 RADIO		

TS ID	TN 40				
GI 301V832	ST7	57.8	N79		
SERVICE NAME	SPORTS TV	MADAM TV	COMIC TV		
SERVICE TYPE	DIGITAL TV	DIGITAL TV	DIGITAL TV		

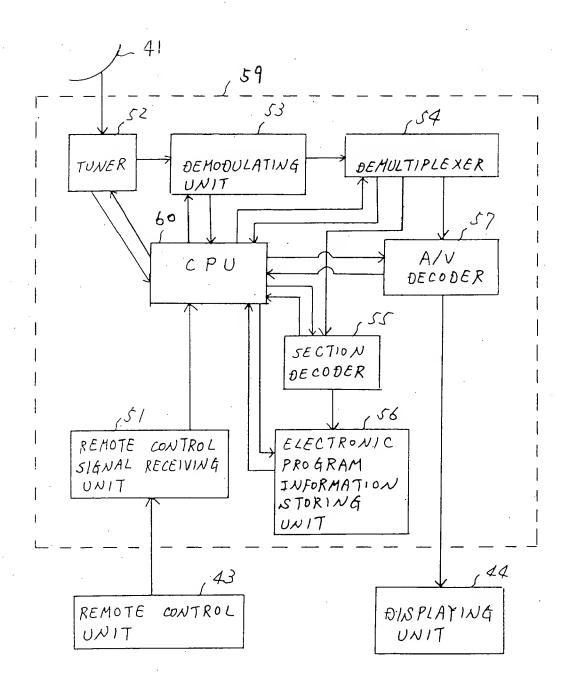


F16.14

INDIVIDUAL ELECTRONIC PROGRAM GUIDE

CHANNEL SERVICE ID	5T4	ST\$	ST6	577	578	579
SERVICE NAME	MOVIE CHANNEL	CHILDREN TV	NEWS!	SPORTS TV	MAĐAM TV	COMIC TV
4:00	PRI	PR5	PR9	PR13	PR17	PR21
5:00	PRZ	PR6	PRIO	PR14	PRIP	PR 22
6:00	PR3	rR7	7811	PR15	PR 19	PRZ3
7:00	PR4	PR8	PRIZ	PR 16	PR 20	PR 24

F1G. 15

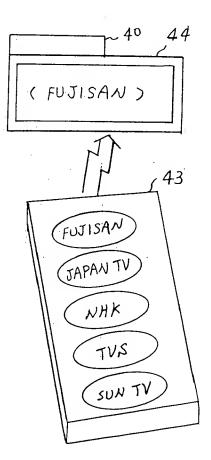


BOUQUET ASSOCIATION TABLE (BAT)

BOUDUET ID	B5					
BOUQUET NAME	Sb1					
TS IÐ	75.20					
SERVICE ID	571	SIZ	573			
DEFAULT SELECTION FLAG	ON	OFF	OFF			

BOUQUET I	Đ	86						
BOUBUET NA	AME	<i>5b</i> 2						
TS ID			TS30			JS40		
SERVICE I	Ð	574	575	576	577	578	579	
DEFAULT SECTION FA	1AG	ON	OFF	OFF	OFF	0,55	OFF	

F1G. 17

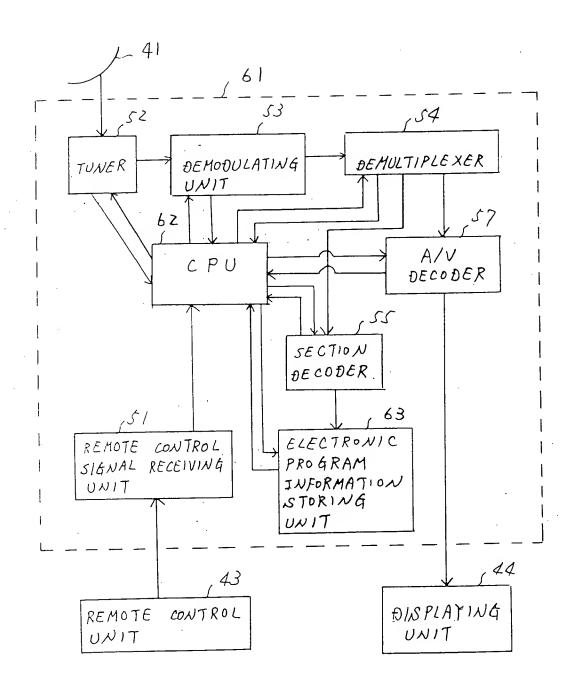


BOUQUET ID	В	5			
BOUQUET NAME	JAPAN TV				
GI NT	75 20				
NERVICE ID	STI	572	572		
DEFAULT SELECTION FLAG	ON	off	OFF		

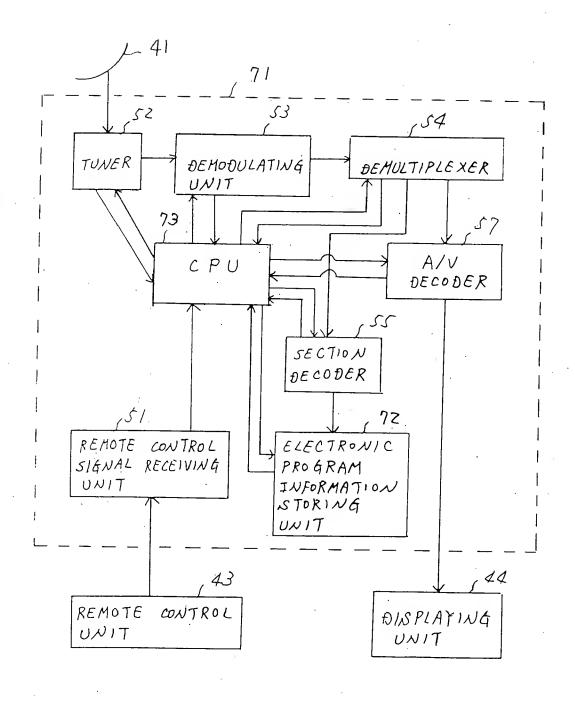
40

(JAPAN TV) STI

F1G. 18



F1G. 19



F16.20

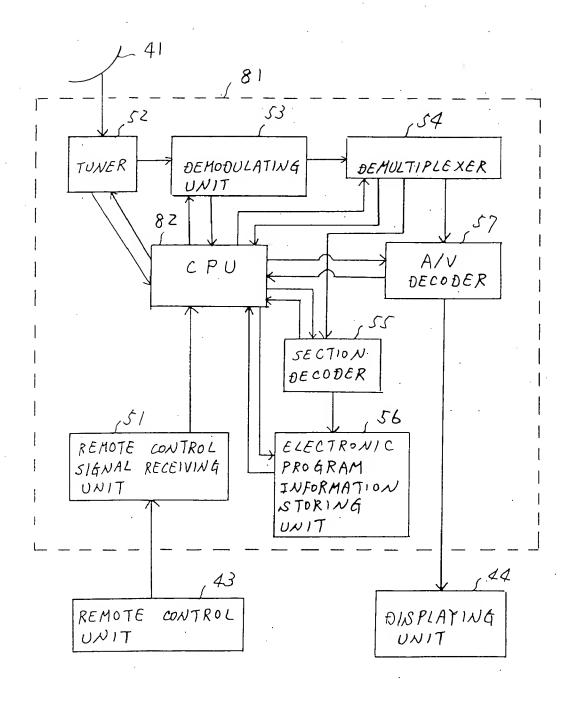
EIT

E11							
SERVICE ID			576				
TS IĐ		TN30					
EVENT ID	TP30	TP35	TP40	TP4Z	TP89		
TITLE			1 1				
BROADCASTING START DATE AND TIME			\	١			
DURATION OF BROAD CAST		*	1	1			
EVENT LINK INFORMATION			١				
NERVICE ID			577	, 			
TN IÐ			7530				

NERVICE ID			577	1		
TN IÐ			0 EVJ	1		
EVENT ID	TP50	TPS1	7952	TP.	53	TP54
TITLE				L	1	
BROADCASTING START DATE AND TIME	,			1 		
DURATION OF BROADCAST			/		1	
EVENT LINK INFORMATION			576 7530 TP40		1	

SERVICE ID			578	1	
GI 2AT	•		TN30	/	
EVENT ID	TP60	TP61	TP6Z	/TP63	TP64
TITLE				/	
BROADCASTING START DATE AND TIME			/		
DURATION OF BROADCAST			/		
EVENT LINK INFORMATION			576 TX30 TP40		

F16. 21



F16. 22

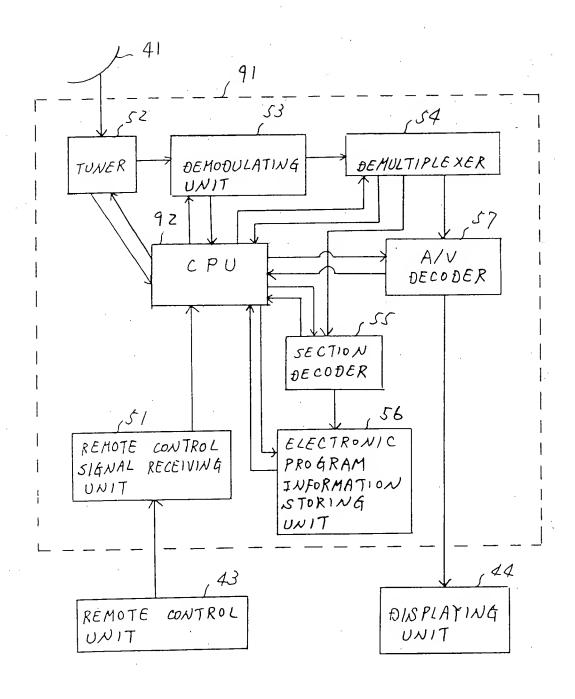


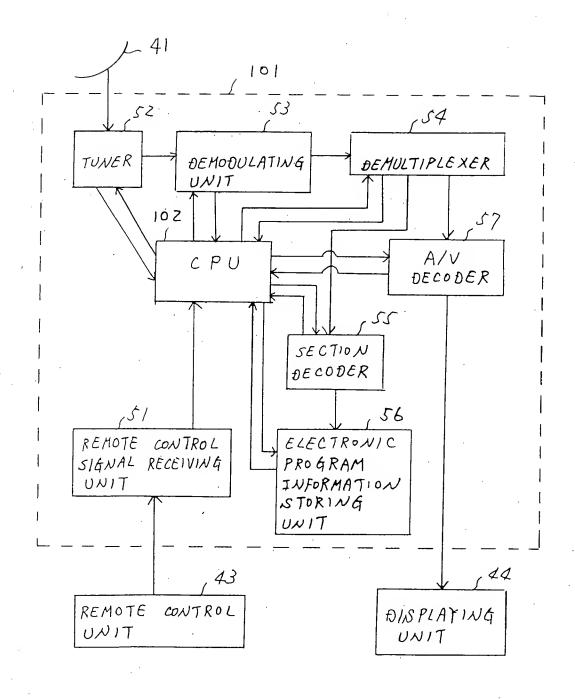
FIG. 23

TELEVISION CHANNEL	CH5	C	Н6	CH7	CH8
3:00		SD	ΤV	SDTV	SOTV
2:00	0071/			40 T1/	
٥٠٠٥	SDTV		•	HDTV	
6:00		DATA	DATA	1 " "	MUSIC
7:00			:	SOTV	
8:00					SDTV

F16.25

TELEVISION CHANNEL	CH1	CHZ	CH3	CH4
15:00	SOTV	SOTV		SĐTV
16:00	XXX			$\times\!\!\times\!\!\times$
17:00	X HOTU X	HOTV	SDTV	HOTV
18:00		ĐATA ĐATA		MUSIC
19:00	SDTV			- D - T-1/
20:00				SDTV

FIG. 24



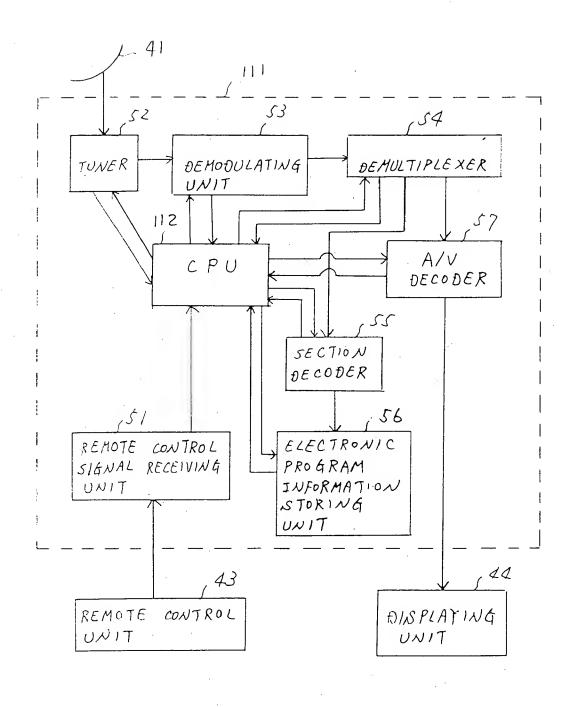
F16. 26

EVENT INFORMATION TABLE (EIT)

SERVICE ID	574							
TS IÐ		7530						
EVENT ID	TP30	TP35	TP40	TP42	TP89			
TITLE	WEATHER	CYCLING	NEWS	VEGE TABLES	GET UP!			
BROADCASTING START DATE AND TIME	197 11/14 4:00	197 11/14 5:00	11/14	11/14	197			
DURATION OF BROADCAST	60	60	60	60	60			
TRANSMISSION BANDWINGHAB	5 MBPS	5 MbPAS	18 Mbps	6 Mbps	4 Mbps			

service Id	ST5								
T.S. I.D		TS30							
EVENT ID -	TP31	TP31 TP32 TP41 TP43 TP88							
TITLE	WORLD NEWS	TRICYCLE	HELP!	WORLD WEATHER	LOCAL				
BROADCASTING START DATE AND TIME	197 11/14 4:00	97 11/14 S:00	. 197 11/14 6:00	197 11/14 7:00	197 .				
DURATION OF BROADCAST	60	60	60	60	60				
TRANSMISSION BANDWIDTH	18 Мърх	5 Mbps	9 Mbps	6 мьр.	6 Mbps				

F16.27



F14. 28

4:00	WEATHER		WORLD NEWS					
٥٠٠٥	CYCLINA	TI	RICYCLE		. 10			
6:00			NEWS				HELP !	
2:00	VEGETAB	LEX	WORLD WEATHE	R				
8:00	GET UP!	L0 NE	CA L		•			

FIG. 29

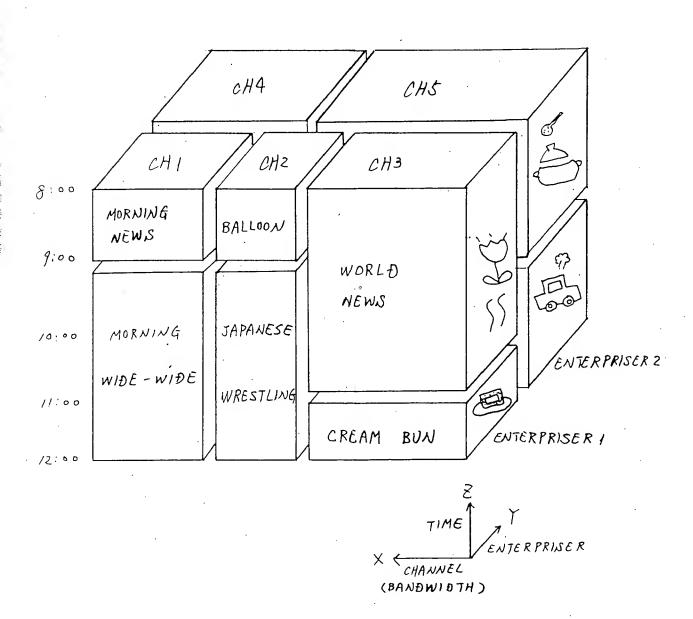
44

TODAY'S PROGRAM GUIDE CH33 CH30 CH31 CH3Z PR8 PR13 PR18 PRI 3:00 4:00 PRZ PRIG PR9 5:00 PR3 PRZO PR14 PR4 6:00 PRIO 7:00 PRIS PR5 8:00 PR16 PRII PR6 9:00 PR7 PRIZ PR17

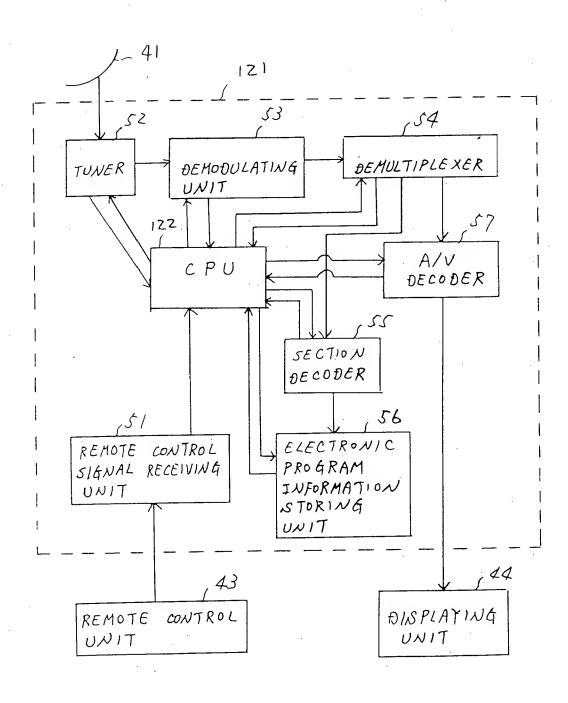
F1G.30

SERVICE TYPE	ŊATA	MUSIC	SOTV	אדסדע
DIJSPLAY WIDTH RATIO)	1	5	15

F16.32



F16.31

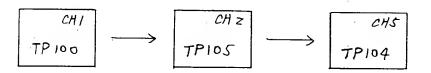


F16.33

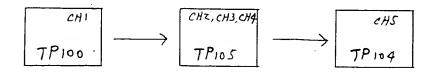
ELECTRONIC PROGRAM GUIDE

_	•	CH I	CHZ	CH3	CH4	CHS]
	3;00	TP100	TPIOZ	TP103	TP108	TP104	
	4:00			510Z		7	SELECTION ROUTE
	5:00	TPIOI	TPIIO	TP106	TP109)	
	6:00	11101	,,,,,,	TP107	17101	TPIII	

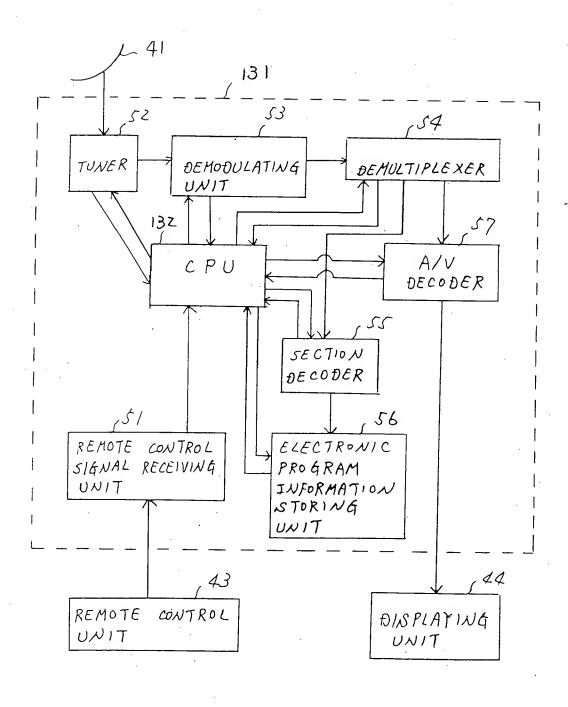
F14,34



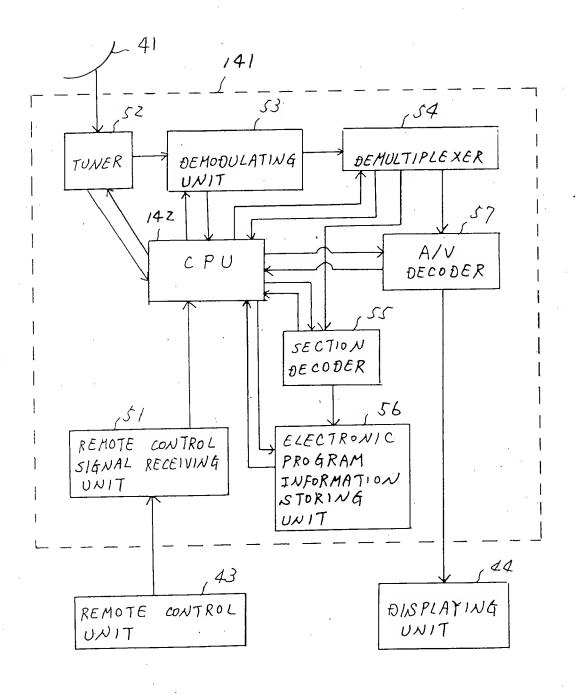
F14.36



F16.35



F16.37



CHANNEL MERVICE ID	ST101	ST103	51900	57901	57902	57903
SERVICE TYPE	SÐTV	MUSIC	MUSIC	MUSIC	MUSIC	MUSIC

SUB-CHANNEL SERVICES
OF STIO3

F1G.39

F1G. 40

SDT

TS ID	TS 3				
SERVICE ID	57101	ST103			
SERVICE NAME	WEATHER!	MC			
SERVICE TYPE	SDTV	MUSIC			
MAIN / SUB	MAIN	MAIN			
REFERENTIAL NERVICE		ST900~ST903			
REFERENTIAL TAS		tat			

SDT

		· ·	T C				
T	ડ ૩	122					
ST101	57/03	ST900	ST901	57.902	51903		
WEATHER	МС	MUSIC 1	MUSIC 2	MUSIC 3	MUSIC4		
SOTV	MUSIC	MUSIC	MUSIC	MUSIC	MUSIC		
MAIN	MAIN	SUB	508	508	SUB		
	5T900 5T903	57103	s 7/03	57103	ST103		
	TJS	£ 24.7					
	STIOI WEATHER! SDTV MAIN	WEATHER! MC SOTV MUSIC MAIN MAIN ST900 57903	STIOI STIOB ST900 WEATHER! MC MUSIC 1 SDTV MUSIC MUSIC MAIN MAIN SUB - ST900 ST900 ST103	STIOI STIO3 ST900 ST901 WEATHER! MC MUSIC 1 MUSIC 2 SDTV MUSIC MUSIC MUSIC MAIN MAIN SUB SUB - ST900 ST903 ST103 ST103	STIOI STIOB ST900 ST901 ST902 WEATHER! MC MUSIC 1 MUSIC 2 MUSIC3 SDTV MUSIC MUSIC MUSIC MUSIC MAIN MAIN SUB SUB SUB - ST900 ST903 ST103 ST103		

F16.42

EIT

TPSS
WORLÐ WEATHER
13 130
30

F16,43

EIT_									
SERVICE ID	ID ST/03								
TS ID			EW.						
EVENT TO	· TP3	TP4	TP5	TP6	TP7	788			
TITLE	MUSIC A	MUSIC B	MUSIC C.	MUSIC D	MUSIC E	MUSIC E			
BROAD CASTING START TIME		1):00		12:30					
DURATION OF BROADCAST	60	60	ه ی	30	30	30			

EIT

SERVICE ID	ST 900							
TJ IÐ		7N 5						
EVENT ID	TPZOO	TP201	TP202	TP203	TP204	TPZas		
TITLE			MUSIC					
	<u> </u>		С					
BROAD CASTING START TIME			12:00					
DURATION OF BROADCAST	:		30					

EIT

NERVICE ID	27901								
TNS IÐ		_							
EVENT ID	TP206	TP207	78208	TP209	TP210	78211			
TITLE			MUSIC						
			С						
BROADCASTING START TIME			12:00.						
DURATION OF BROADCAST			30	·					

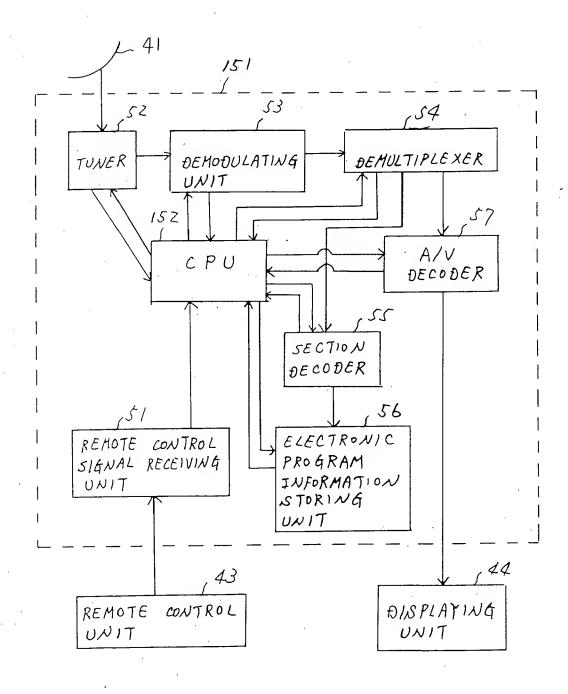
EIT

NERVICE ID	ST90Z										
TN IÐ		TNS									
EVENT ID	TP1000	TP 1001	TP1002	TP1003	TP1004	TP1005					
			MUSIC	1							
TITLE			c	()							
BROADCASTING START TIME			12:00								
DURATION OF BROADCAST			30								

EIT

SERVICE ID	5 7 903								
TS IÐ		TUS							
EVENT ID	TP1100	TPIIOI	TP1102	TP 1103	TP1104	TP 1105			
TITLE			MUSIC C						
BROADCASTING START TIME			12:00						
DURATION OF BROADCAST			30						

F16.45

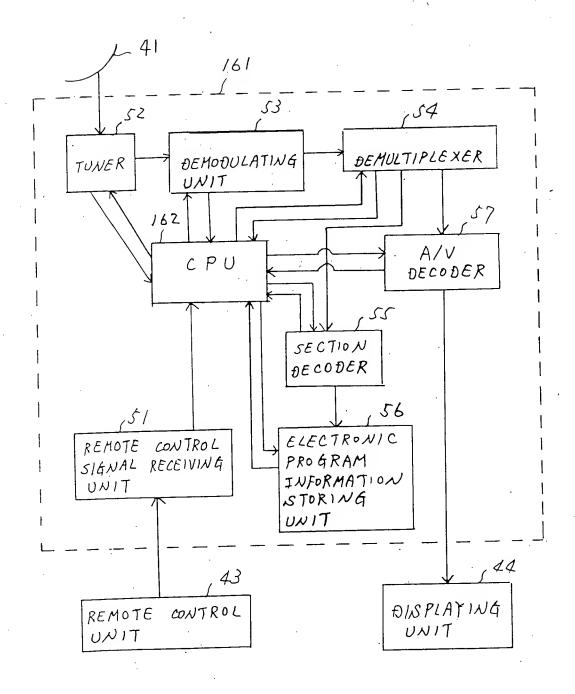


F16.46

 S7101	>
57/03	-
ELECTRONIC PROGRAM INFORMATION OF STIOL AND STIOS	

 725	
ST 900	
ELECTRONIC PROGRAM INFORMATION OF ST900, ST901, ST902 AND ST903	_ }
ELECTRONIC PROGRAM INFORMATION OF STIOI AND STIOS	

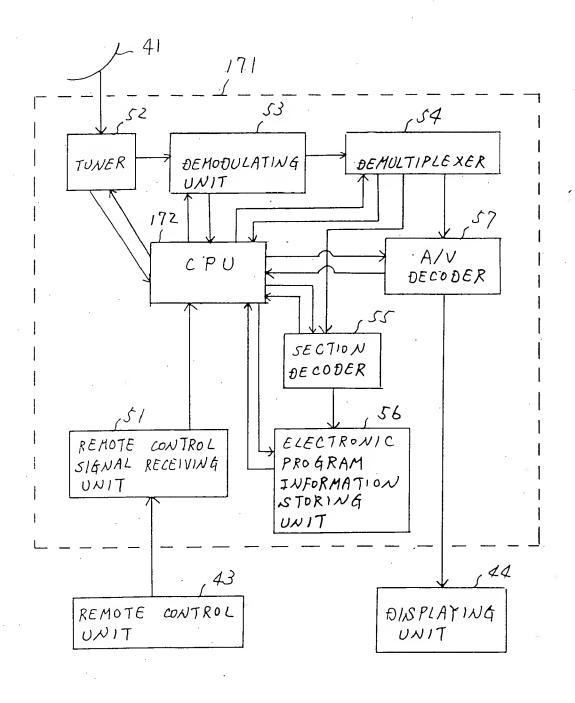
FIG. 47



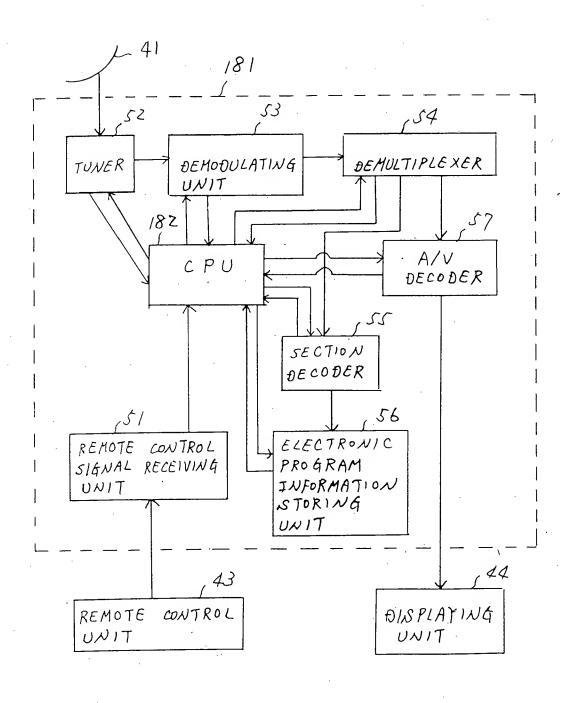
F18.48

	103	
1	ST101-	<u>→</u>
- [\$7/03	
-	3//00	
A		
	ELECTRONIC PROGRAM INFORMATION	>
	OF STIDI, STID3, STIDS AND STIDG	
1	ELECTRONIC PROGRAM INFORMATION OF	
- /	ST900, ST901, ST902, ST903, ST910 AND ST 911	>
'	(0,7 0,07,07,07,00,07,00,07,00,07,07,07,07,07	
	T.S.5	,
Λ	\$1900	
H	· ·	\longrightarrow $ $
H	5790/	
	S790Z	>
	57903	$\rightarrow 1$
	ELECTRONIC PROGRAM INFORMATION OF	. 1
	ST101, ST103, ST/05 AND ST106	
	ELECTRONIC PROGRAM INFORMATION OF	
M	ST 900, ST901, ST902, ST903, ST910 AND ST917	\rightarrow
V_	7. C. 1,2 1702,0 1793, 0 7 770 AND 3 7 771	
	7x 6	/
1	ST105-	\rightarrow $/$
1	ELECTRONIC PROGRAM INFORMATION OF.	1
	ST101, ST103, ST105 AND ST106	\rightarrow \mid
1	5/5/701/03, 3/703 MAD 5/706	1
	ELECTRONIC PROGRAM INFORMATION OF	\rightarrow
L	ST900, ST901, ST902, ST903, ST910 AND ST911	
	7.S 7	
Λ		
1	57910	\rightarrow \mid
1	57911	$\rightarrow \mid$
1	ELECTRONIC PROGRAM INFORMATION OF	1
	ST101, ST103, ST105, AND ST106	→ \
	ELECTRONIC PROGRAM INFORMATION OF	. \
		\rightarrow 1
L	ST900, ST901, ST902, ST903, ST910 AND 57911	
	T.S &	
Λ-		/
	ST/06	\rightarrow 1
ŀ		
	ELECTRONIC PROGRAM INFORMATION OF	1
1		\rightarrow 1
V	30172 BUA 20172, E0172, 101.72	.
		/

FIG. 49



F16.50



F19.51A

S PRARAM AIIIĐE

	TODAYS	PROGRA	M GUIDE		
	CH30	CH3	CH3Z	CH33	
3:00	PRI	PR8	PR13	PR18	
4:00	PRZ	PR9		PR19	
5:00	PR3	F N 1	P		
8:00	PR4		PR14	PRZO	
7:00	PR5	PRIO	PRIS		
8:00	PR6	PRII	PR16		
9:00	PR7	PRIZ	PR17		

F14.51B

44

MUSIC CHANNELS CH53 CH54 CHSS CHSZ CH50 CHSI MUSIC MUSIC 3 MUSIC MUSIC MUSIC MUSK 3:00 5 2 CH61 CH59 CH60 CHS8 CH56 CH57 HUSIC MUSIC MUSIC MU5.19 7 MUSIC MUSIC ە o ; ى ح/ 10 OH67 CH66 c#64 CH65 CH63 CH62 MUSIC 15 MUSIC MUSIC MUSIC 13 MUSIC 14 MUSIC 3:00 18 16 17 CH72 CH 73 CH70 CH69 CH71 CH 68 MUSIC MUSIC 23 24 MUSIC MUSIC MUSIC MUSIC 3:00 21 22

BEFORE

NEXT

RETURN

F14.52

SDT

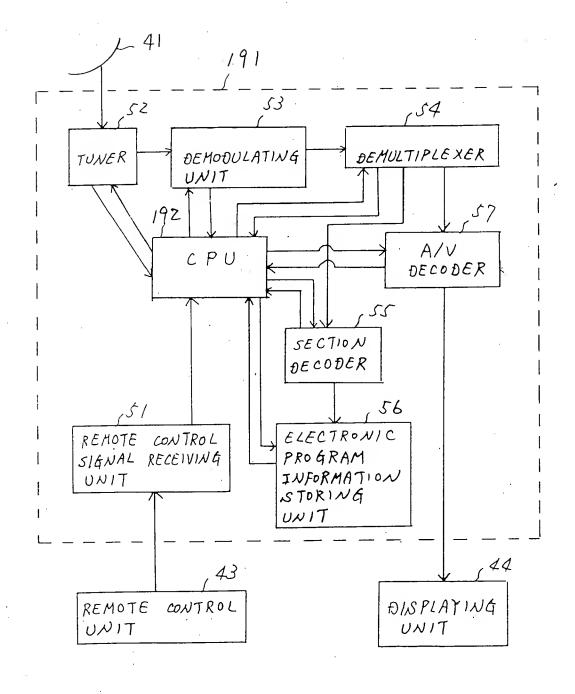
TS IÐ	TS3		TSS.			
CHANNEL SERVICE ID	57101	57/03	57900	57901	57902	57903
SER VICE NAME	WEATHER	MC	MUSIC 1	MUSIC 2	MUSIC3	MUSIC4
SERVICE TYPE	SDTV	MUSIC	MUSIC	MUSIC	MUSIC	MUSIC
MAIN/SUB	MAIN	MAIN	30B	508	SUB	SUB
REFERENTIAL SERVISE		ST 900 57 903	57103	57/03	 57103	57103
REFERENTIAL TS		TLSS	ENT			
DEFAULT SUB-CHANNEL SERVICE SELECTING FLAG			ON	OFF	off	off

F14.54

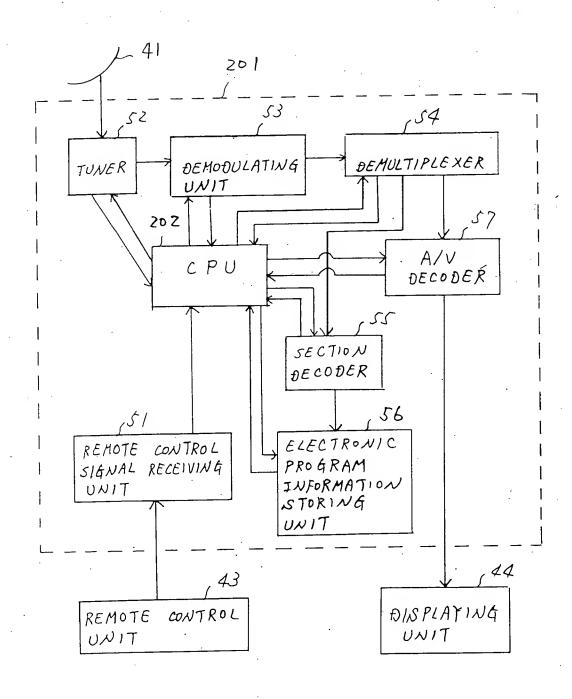
SÐT

	, , , , , , , , , , , , , , , , , , , 						•
TS	Œ	T,	S 3	TS5			
CHAN SER	INEL VICE IÐ	57101	57/03	57900	57901	57902	51903
SERV	ICE AME	WEATHER!	MC	MUSIC 1	MUSIC 2	MUSIC 3	MUSIC4
SERV T	ICE TPE	SÐTV	MUSIC	MUSIC	MUSIC	MUSIC	MUSIC
MAIN	/suB	MAIN	MAIN	SUB	508	SUB	SUB
REFEN SERV	RENTIAL INE		ST 900 57 903	5T103	5 7/03	57/03	57103
REFERENTIAL TS			22.T		TJS_	3 .	
VIEWER	AGE		·	19 OR MORE	1 705	OR MORE	20 7030
ATTRI- BUTE	DISTRICT			JAPAN	JAPAN	EAST	NORTH AREA

F16.53



F16.55



F14.56

SÐT

GI QT	T,	S3	TSS			
CHANNEL SERVICE ID	ST101	57/03	57900	257901	57902	57903
SERVICE NAME	WEATHER	MC	MUSIC 1	MUSIC 2	MUSIC3	MUSIC4
SERVICE TYPE	SDTV	MUSIC	MUSIC	MUSIC	MUSIC	MUSIC
MAIN/SUB	MAIN	MAIN	SUB	SUB	508	50B
REFERENTIAL SERVISE		57900 57903	57/03	57103	57103	5 TIO 3
REFERENTIAL TS		22.T	TX3			
GENRE			MOVIE	SPORTS	NEWS	NEWS

F16.57

